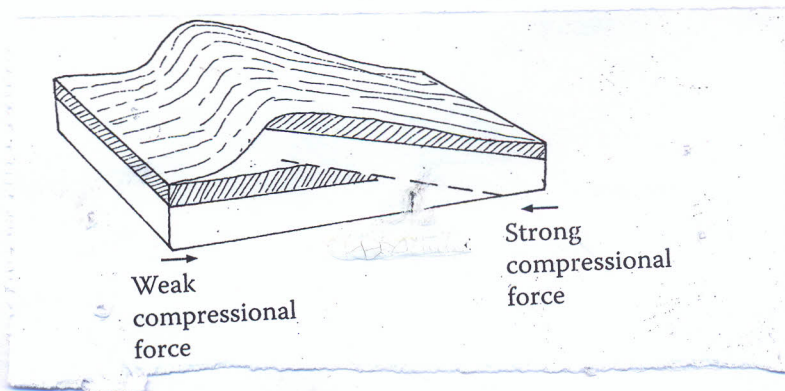


MOKASA II JOINT EXAMINATION
Kenya Certificate of Secondary Education
312/1
Paper 1
GEOGRAPHY

SECTION A

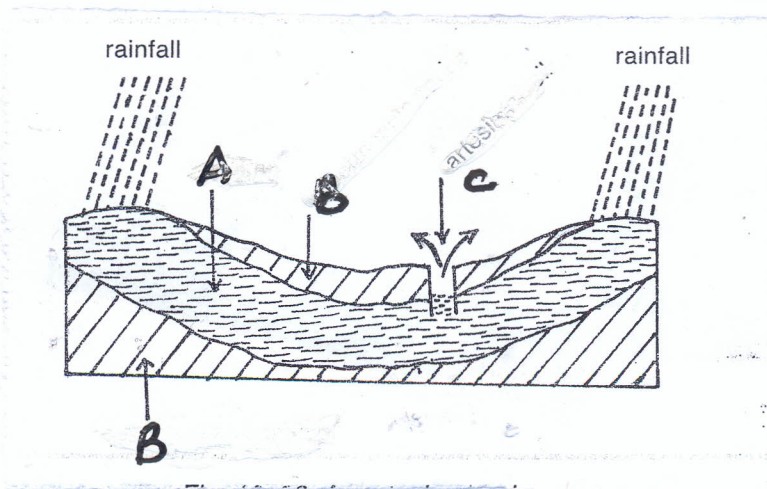
Answer *all* the questions in this section.

1. a) Define the term geography (2 marks)
- b) State three importance of studying practical geography. (3 marks)
2. a) Study the figure below and use it to answer the questions that follow.



- i) Identify the type of fault shown above in the diagram (1 mark)
- ii) Describe how the figure shown in (2ai) above is formed.

3. The below shows an underground feature use it to answer the questions that follow.



- a) Identify the parts marked A and B (2 marks)
 b) Describe how an uvala is formed (3 marks)
4. a) State two processes through which glacier moves. (2 marks)
 b) Describe the process of ice formation. (3 marks)
5. Describe how lake chala was formed.

SECTION B

Answer question 6 and any other two questions from this section.

6. Study the map of KITALE (sheet 75/3) provided and answer the questions that follow.
- a) Measure the distance the loose surface road C638 from the grid reference 400137 to the grid reference 472100 (give your answer in kilometers) (2mks)
- b) Citing evidence from the map identify the social services in the area covered by the map.(5mks)
- c) Describe the distribution of settlement in Kitale (5mks)
- d) Enlarge the area covered by the map between the Easting 35 to Easting 39 and between Northing 29 and Northing 33 by two. (2mks)
 On the enlarged map mark and name;
 i) West pokot county (1mk)
 ii) A forest (1mk)
 iii) A dam (1mk)
 Give the scale of the enlarged map (2mks)
- e) Citing evidence ,explain three factors favouring trading in the area covered by the map (6mks).
7. a) What is volcanicity? (2 marks)
 b) State four differences between basic lava and acidic lava. (4 marks)
 c) Describe how the following features are formed:
 (i) Hot Springs. (6 marks)
 (ii) Plug Dome Volcano. (5 marks)
- d) Explain four negative effects of volcanicity to human activities (8 marks)
8. (a) What is a river capture ? (2 marks)
- (b) (i) Give three factors influencing the development of a drainage pattern.
- (ii) Explain three factors which influence a rivers ability to transport materials
- (a) Describe how alluvial fan is formed using a well labeled diagram
- (b) You are required to carry out a field study on erosion in a youthful river near your school.

(i) Identify two features you are likely to study (2 marks)

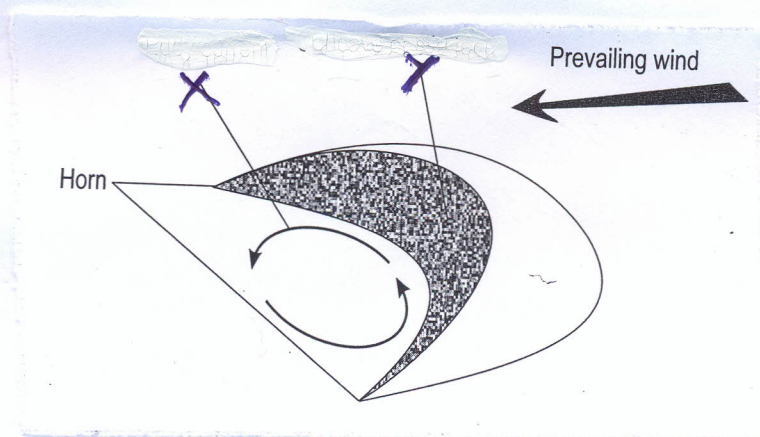
(ii) State three activities you would carry out to determine why erosion occur at this stage

(iii) Identify three objectives of your study. (3marks)

9. a) State three characteristics of a fiord. (3 marks)
b) Give four factors of coastal erosion. (5 marks)
c) Describe how the following features are formed:
(i) A Wave-Cut Platform (6 marks)
(ii) A cusped foreland (4 marks)

d) Explain four significance of the Indian Ocean to the human activities. (8 marks)

- 10 (a) (i) Name any two types of desert surfaces (3 marks)
(ii) The diagram below represent features resulting from wind erosion in a desert. Use it to answer question a (ii)



Name the features marked X and Y (2 marks)

(b) Using a well labeled diagram ,describe how a butte is formed

- (i) State four physical causes of aridity (4 marks)
(ii) Explain three negative effects of climate change on agriculture (6 marks)
(c) Explain three significance of desert landscape to human activities (6 marks)